

IMPROVED FLEXIBLE IMAGING MEMBER SEAM TREATMENT

Abstract of Disclosure

A flexible imaging member seam treatment method comprising bonding a thermoplastic polymer film to the seam of the flexible imaging member after placing the film on the seam. The film is bonded by heating the film above a glass transition temperature of at least one of a thermoplastic polymer from which the film is made and a polymer from which an imaging layer of the flexible imaging member is made. The film can be formed on a flexible, removable substrate. Treatment according to embodiments significantly improves seam region physical properties, greatly reducing cracking and delamination resulting from bending stresses induced by traversal of rollers.

Figures

Figure 1: A line graph showing the relationship between the number of hours spent on a task and the number of errors made. The x-axis represents 'Hours' (0 to 10) and the y-axis represents 'Errors' (0 to 10). The data points are as follows:

Hours	Errors
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10

The graph shows a positive linear relationship, indicating that as the number of hours spent on the task increases, the number of errors also increases proportionally.